

Attachment B**MT. SHASTA WASTEWATER TREATMENT PLANT****CALCULATION OF MANDATORY MINIMUM PENALTIES**

(Data reported under Monitoring and Reporting Program No. R5-2012-0086 and R5-2017-0117)

EFFLUENT LIMITATION VIOLATIONS – MONITORING LOCATION EFF-001

| Violation Date | Parameter | Units | Condition | Final Effluent Limit | Reported Value | Violation Type | CIWQS ID | MMP Amount |
|-----------------------|------------------------|--------------|------------------|-----------------------------|-----------------------|-----------------------|-----------------|-------------------|
| 2/28/2017 | BOD (5-day) | % Removal | Average Monthly | 85 | 83.75 | Non-serious | 1027018 | N/A |
| 11/30/2017 | Copper | ug/L | Average Monthly | 9.1 | 19.9 | Serious, Group II | 1037600 | \$3,000 |
| 11/30/2017 | Zinc | ug/L | Average Monthly | 12.9 | 17.4 | Serious, Group II | 1037602 | \$3,000 |
| 11/30/2017 | Total Suspended Solids | mg/L | Average Monthly | 30 | 32 | Non-serious | 1050302 | N/A |
| 12/01/2017 | Copper | ug/L | Maximum Daily | 19.3 | 24.7 | Serious, Group II | 1037537 | \$3,000 |
| 12/31/2017 | Copper | ug/L | Average Monthly | 9.1 | 24.7 | Serious, Group II | 1037539 | \$3,000 |
| 12/31/2017 | Zinc | ug/L | Average Monthly | 12.9 | 13.4 | Non-serious | 1037540 | \$3,000 |
| 12/31/2017 | BOD (5-day) | mg/L | Average Monthly | 30 | 35 | Non-serious | 1037541 | \$3,000 |
| 12/31/2017 | BOD (5-day) | % Removal | Average Monthly | 85 | 80 | Non-serious | 1037542 | \$3,000 |
| 12/31/2017 | Total Suspended Solids | mg/L | Average Monthly | 30.0 | 36.4 | Non-serious | 1037538 | \$3,000 |
| 1/05/2018 | Copper | ug/L | Daily Maximum | 19.3 | 40.4 | Serious, Group II | 1039051 | \$3,000 |

Attachment B - Continued

| Violation Date | Parameter | Units | Condition | Final Effluent Limit | Reported Value | Violation Type | CIWQS ID | MMP Amount |
|-----------------------|---------------------------|--------------|------------------|-----------------------------|-----------------------|-----------------------|-----------------|-------------------|
| 1/06/2018 | BOD (5-day) | mg/L | Average Weekly | 45 | 49.1 | Non-serious | 1039049 | \$3,000 |
| 1/13/2018 | BOD (5-day) | mg/L | Average Weekly | 45 | 53.0 | Non-serious | 1039046 | \$3,000 |
| 1/31/2018 | Copper | ug/L | Average Monthly | 9.1 | 40.4 | Serious, Group II | 1039048 | \$3,000 |
| 1/31/2018 | Zinc | ug/L | Average Monthly | 12.9 | 25.4 | Serious, Group II | 1039050 | \$3,000 |
| 1/31/2018 | BOD (5-day) | mg/L | Average Monthly | 30 | 51.05 | Serious, Group I | 1039045 | \$3,000 |
| 1/31/2018 | BOD (5-day) | % Removal | Average Monthly | 85 | 65.25 | Non-serious | 1039044 | \$3,000 |
| 1/31/2018 | Total Suspended Solids | mg/L | Average Monthly | 30 | 37.8 | Non-serious | 1039047 | \$3,000 |
| 11/28/2018 | Copper, Total Recoverable | µg/L | Maximum Daily | 18.5 | 33.3 | Serious, Group II | 1054511 | \$3,000 |
| 11/30/2018 | BOD (5-day) | mg/L | Average Monthly | 30 | 37.9 | Non-serious | 1054510 | N/A |
| 11/30/2018 | BOD (5-day) | % Removal | Average Monthly | 85 | 75 | Non-serious | 1054513 | N/A |
| 11/30/2018 | Copper, Total Recoverable | µg/L | Average Monthly | 10.0 | 33.3 | Serious, Group II | 1054512 | \$3,000 |
| 12/06/2018 | Copper, Total Recoverable | µg/L | Maximum Daily | 18.5 | 33.9 | Serious, Group II | 1055202 | \$3,000 |
| 12/31/2018 | Copper, Total Recoverable | µg/L | Average Monthly | 10.0 | 33.9 | Serious, Group II | 1055203 | \$3,000 |
| 1/03/2019 | Copper, Total Recoverable | µg/L | Maximum Daily | 18.5 | 31.1 | Serious, Group II | 1055730 | \$3,000 |

Attachment B - Continued

| Violation Date | Parameter | Units | Condition | Final Effluent Limit | Reported Value | Violation Type | CIWQS ID | MMP Amount |
|----------------|---------------------------|-----------|-----------------|----------------------|----------------|-------------------|--------------|-----------------|
| 1/31/2019 | BOD (5-day) | % Removal | Average Monthly | 85 | 81 | Non-serious | 1055731 | \$3,000 |
| 1/31/2019 | Copper, Total Recoverable | µg/L | Average Monthly | 10.0 | 31.1 | Serious, Group II | 1055729 | \$3,000 |
| 2/11/2019 | Copper, Total Recoverable | µg/L | Maximum Daily | 18.5 | 28.1 | Serious, Group II | 1056861 | \$3,000 |
| 2/28/2019 | BOD (5-day) | % Removal | Average Monthly | 85 | 74 | Non-serious | 1056860 | \$3,000 |
| 2/28/2019 | Copper, Total Recoverable | µg/L | Average Monthly | 10.0 | 28.1 | Serious, Group II | 1056862 | \$3,000 |
| 3/31/2019 | Copper, Total Recoverable | µg/L | Average Monthly | 10.0 | 16.6 | Serious, Group II | 1057617 | \$3,000 |
| 4/30/2019 | Copper, Total Recoverable | µg/L | Average Monthly | 10.0 | 17.8 | Serious, Group II | 1059067 | \$3,000 |
| | | | | | | | Total | \$84,000 |

Notes: Serious Group I: any waste discharge that exceeds the effluent limitations for a group I pollutant by 40% or more.
 Serious Group II: any waste discharge that exceeds the effluent limitations for a group II pollutant by 20% or more.
 Non-Serious Violation: A non-serious violation will be subject to MMPs if the discharger does any one of the following four or more times in any period of 180 days:

- (a) violates a WDR effluent limitation;
- (b) fails to file a report of waste discharge pursuant to California Water Code section 13260;
- (c) files an incomplete report of waste discharge pursuant to California Water Code section 13260; or
- (d) violates a whole effluent toxicity limitation where the WDRs do not contain pollutant-specific effluent limitations for any toxic pollutants.